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TRANSMITTAL FORM		Application Number	
(to be used for all correspondence after initial filing)		09/765,014	
		Filing Date	
		January 17, 2001	
		First Named Inventor	
		Agazzi	
		Group Art Unit	
		2633	
		Examiner Name	
		unassigned	
Total Number of Pages in This Submission		Attorney Docket Number	
8		13445US02	
ENCLOSURES (check all that apply)			
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group	
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences	
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)	
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information	
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter	
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):	
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<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD Number of CD(s) _____	13 references	
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<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		APR 18 2003	
Remarks	Technology Center 2600		
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Date	April 10, 2003		
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Name (Print/type)	John A. Wiberg	Registration No. (Attorney/Agent)	44,401
Signature		Date	April 10, 2003



PATENT
Attorney Docket No. 13445US02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION OF:

O.E. Agazzi

SERIAL NO.: 09/765,014

FILED: January 17, 2001

FOR: HIGH-SPEED TRANSMISSION
SYSTEM FOR OPTICAL
CHANNELS

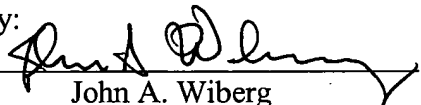
GROUP ART UNIT: 2633

EXAMINER: unassigned

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John A. Wiberg
Reg. No. 44,401
Attorney for applicant

INFORMATION DISCLOSURE STATEMENT

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Washington, D.C. 20231

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Technology Center 2600

Applicants submit herewith a copy of each of the following references cited for
consideration in connection with the above application:

Other Documents (Including Author, Title, Date, Pertinent Pages, Etc.)

S. Walklin and J. Conradi, "Multilevel Signaling for Increasing the Reach of 10Gb/s
Lightwave Systems," Journal of Lightwave Technology, Vol. 17, No. 11, November
1999, pp. 2235-2248

M. Guizani and A.R. Al-Ali, "PC-Compatible Optical Data Acquisition Unit," 1994
Instrumentation and Measurement Technology Conference, 10-12 May 1994

Other Documents (Including Author, Title, Date, Pertinent Pages, Etc.)

N. Kanno and K. Ito, "Fiber-Optic Subcarrier Multiplexing video Transport Employing Multilevel QAM," IEEE Journal on Selected Areas in Communications, Vol. 8, No. 7, September 1990

W. Ellersick, C.K. Yang, M. Horowitz, and W. Dally, "GAD: A 12GS/s CMOS 4-bit A/D Converter for an Equalized Multi-Level Link," 1999 Symposium on VLSI Circuits

W.J. Dally and J. Poulton, "Transmitter Equalization for 4Gb/s Signalling," Proceedings of Hot Interconnects IV, Palo Alto, 1996

J.H. Winters, R.D. Gitlin, and S. Kasturia, "Reducing the Effects of Transmission Impairments in Digital Fiber Optic Systems," IEEE Communications Magazine, June 1993, pp. 68-76

S. Kasturia and J.H. Winters, "Techniques for High-Speed Implementation of Nonlinear Cancellation," IEEE Journal on Selected Areas in Communications, Vol. 9, No. 5, June 1991

B.L. Kasper, "Equalization of Multimode Optical Fiber Systems," Bell System Technical Journal, Vol. 61, No. 7, September 1982, pp. 1367

J.H. Winters and R.D. Gitlin, "Electrical Signal Processing Techniques in Long-Haul Fiber-Optic Systems," IEEE Transactions on Communications, Vol. 38, No. 9, September 1990, pp. 1439-1453

R. Mason and J.T. Taylor, "High-Speed Electro-Optic Analogue to Digital Converters," 1993 International Symposium on Circuits and Systems, 3-6 May 1993

T.E. Darcie, "Subcarrier Multiplexing for Lightwave Networks and Video Distribution Systems," IEEE Journal on Selected Areas in Communications, Vol. 8, No. 7, September 1990

J.A.C. Bingham, "Multicarrier Modulation for Data Transmission: An Idea Whose time Has Come," IEEE Communications Magazine, May 1990, pp. 5-14

R. Olshansky, V.A. Lanzisera, P.M. Hill, "Subcarrier Multiplexed Lightwave Systems for Broadband Distribution," Journal of Lightwave Technology, Vol. 7, No. 9, September 1989

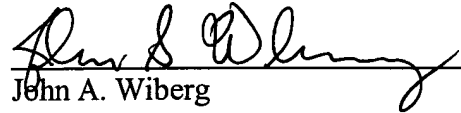
The above references are listed on the enclosed Form PTO-1449 (in duplicate)
entitled "Information Disclosure Citation."

This Information Disclosure Statement is being submitted before the receipt of a
first Office Action on the merits of the application.

Please charge any fees incurred in connection with this submission to Deposit
Account No. 13-0017, in the name of McAndrews, Held & Malloy, Ltd.

Date: April 10, 2003

Respectfully submitted,



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